

The follicles of the two species show, so far as can be made out from dried material, a structure not fully accounted for in current descriptions. The valves appear to be produced, for their whole length, into a pubescent appendage which extends out beyond the suture along which dehiscence takes place. In the fully mature and open follicle, these appendages appear as pubescent margins along the outer edges of the gaping valves, the cavity containing the seeds being quite glabrous within.

In *M. macrophylla* the appendages are thick and fleshy, and the apparent margin formed by them is 4-5 mm. wide: in *M. Ashei* they are much thinner and less developed, and the margin is 1-2 mm. wide, or, in the dried fruit, almost shrunken away.

According to Ashe's notes, *M. macrophylla* grows in drier situations, often in open woods well away from streams, with red oak and white hickory.

It will be noted that the differential characters of *M. Ashei* are for the most part of a rather comparative nature and, with the exception of the shape of the fruit and the structure of the follicle, not wholly constant in Mr. Ashe's fine series of specimens. Taken together, however, they constitute a fairly impressive body of evidence, which seems to justify the addition of *M. Ashei* to the list of local species of *Magnolia*, such as *M. pyromidata* and *M. cordata*.

GRAY HERBARIUM.

KATE FURBISH, BOTANIST.—An appreciative sketch of Kate Furbish, who is now in her ninety-second year, has been written by Louise H. Coburn¹ and will be wanted by all who know Miss Furbish or who have known of her tenacity to a life-long purpose. The appreciation is gracefully conferred and the pamphlet is notable as containing three features which in her earlier days Miss Furbish was very loth to make accessible, a statement of her age, an excellent photograph and several very successful photographic reproductions of her paintings of Maine plants. The author is Miss Louise H. Coburn, Skowhegan, Maine.—M. L. F.

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¹ Kate Furbish, Botanist.—An Appreciation by Louise H. Coburn. 1925.